

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Supren Energy Corporation

3. ADDRESS OF OPERATOR
P. O. Box 808, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface **930 feet from the North line & 840 feet from the West line.**
At proposed prod. zone **Same as above.**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 Miles Northwest of Ojito, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
930 feet 840 feet

16. NO. OF ACRES IN LEASE
2560

17. NO. OF ACRES ASSIGNED TO THIS WELL
1 1/2 320 Acres

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
8840 ft.

19. PROPOSED DEPTH
8000 ft.

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6775 ft. Gr.

22. APPROX. DATE WORK WILL START*
July 10, 1978

5. LEASE DESIGNATION AND SERIAL NO.
Contract No. 103

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla #1

9. WELL NO.
10

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 17, T-26N, R-4W N.M.2 N.

12. COUNTY OR PARISH
Rio Arriba

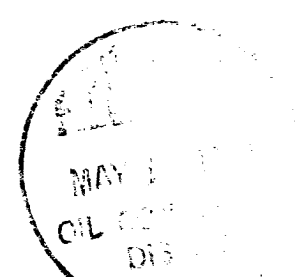
13. STATE
New Mexico

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/8"	10-3/4"	32.75	250 ft.	175 cu. ft.
9-7/8"	7-5/8"	26.40	3600 ft.	1160 cu. ft.
6-3/4"	5-1/2"	15.50	8000 ft.	660 cu. ft.

It is proposed to drill this well to be completed in the Dakota formation. After the well is drilled, pipe will be run and cemented. The casing will then be perforated and sand water fraced and tubing will be run and set at approximately 7800 feet.

gas is at bottom



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *Edith D. Mott* TITLE Area Superintendent DATE April 28, 1978

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY *ok Frank* TITLE _____ DATE MAY 10 1978

CONDITIONS OF APPROVAL, IF ANY:

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATOR AND LEASE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section.

Lease		JICARILLA N		Acres	10
Section	17	Range	4 WEST	County	RIO ARriba
Twp		NORTH			
Feet from the NORTH line and		840 feet from the WEST line			
Standard Section	930	Pool	BASIN DAKOTA	Standard Acreage	W 1/2 320
Section	3775	State	DAKOTA		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, unitization, force-pooling, etc?
4. Yes ☐ No ☐ If answer is "yes," type of consolidation _____
5. If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary) _____
6. If no lease will be assigned to the well until all interests have been consolidated (by communization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. _____

CERTIFICATION

I hereby certify that the information furnished herein is true and complete to the best of my knowledge and belief.

Rudy D. Motto
Name **Rudy D. Motto**

~~XXXXXXXXXXXXXXXXXXXX~~
Position

Area Superintendent
Company

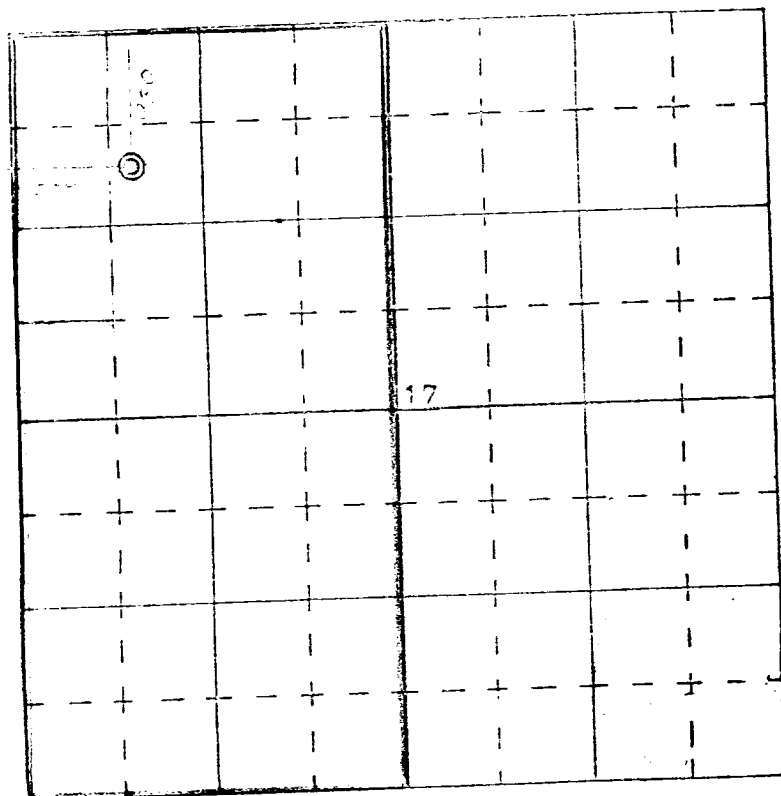
Supron Energy Corporation
Date

April 28, 1978

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

20 April, 1978
Date Surveyed

James P. Leese
Registered Professional Engineer
and/or Land Surveyor



SCALE—4 INCHES EQUALS 1 MILE

May 2, 1978

United States Geological Survey
P. O. Box 1809
Durango, Colorado 81301

Attention: Mr. Jerry Long

Dear Sir:

Supron Energy Corporation proposes to drill the Jicarilla "H" No. 10 well located 230 feet from the North line and 840 feet from the West line of Section 17, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.

The following attachments are included with this application:

1. Map of existing roads.
2. Planned access road which is approximately 500 feet long.
3. Location of existing wells.
4. Lateral roads to well locations.
5. Location of surface equipment, if required.
6. Drilling and Completion water will be obtained from the Supron Energy Corporation water well located in the SW 1/4, Section 23, T-26N, R-4W, N.M.P.M., Rio Arriba County, New Mexico.
7. Waste will be disposed of by being placed in the reserve pit and buried upon completion of the well.
8. There will be no camp at or near the well site.
9. There will be no air strip.
10. A plat is attached showing the location of the rig, mud pits, reserve pit, burn pit, etc.
11. A letter of Certification is attached and the operators representative is Rudy D. Motto, Area Superintendent, P. O. Box 808, Farmington, New Mexico 87401, Phone (505) 325-3587.
12. When the reserve pit is built it will be fenced on three sides. After the well is drilled the reserve pit will be fenced off until the pit dries then the pit will be filled and restored to its natural state.
13. The soil is sandy loam with the principal vegetation being grass.

JICARILLA "H" NO. 10

SUPPLEMENT TO FORM 9-3310

1. The Geologic name of the surface formation is "Wasatch".
2. The estimated tops of important Geologic markers are:

A. Base of Ojo Alamo	3000 feet
B. Fruitland	3270 feet
C. Pictured Cliffs	3320 feet
D. Cliff House	4985 feet
E. Point Lookout	5485 feet
F. Dakota	7450 feet
3. The estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are:

A. Base of Ojo Alamo	3000 feet - water
B. Fruitland	3270 feet - water
C. Pictured Cliffs	3320 feet - gas
D. Cliff House	4985 feet - gas
E. Point Lookout	5485 feet - gas
F. Dakota	7450 feet - gas
4. The casing program is shown on Form 9-3310 and all casing is new.
5. The lessee's pressure control equipment schematics are attached along with minimum specifications, testing procedures and frequencies.
6. The type, estimated volumes and characteristics of the circulating mediums are as follows:

A. From 0 feet to 250 feet - Natural Mud
B. From 250 feet to 3600 feet - Permaloid non dispersed mud containing 167 sx Gel, 67 sx Permaloid and 10 sx C.M.C.
C. From 3600 feet to 7500 feet - Gas
7. The auxiliary equipment to be used will be floats at the bit and a sub on the floor with a full opening valve to be stabbed into the drill pipe when the Kelly is not in the string.
8. This well is in an area which is almost completely developed, therefore we will not have a testing and coring program. The logging program is as follows:

A. E.S. Induction
B. Gamma Ray Density
C. Gamma Ray Correlation
D. Cement Bond or Temperature Log
9. There are no abnormal pressures, temperatures, or hydrogen sulfide problems expected in this highly developed area.
10. The anticipated starting date of this well is August 10, 1978